



# MATERIAL REPORT

DATE: Nov. 2001

**TITLE:** Evaluation of Parker compound AA154-70 (formerly 12358).

**PURPOSE:** General data for test platens

Recommended temperature limits: -40 °F to 325 °F

Recommended For

Mineral oil (engine, gear box, ATF oil)

Ozone, weather and aging resistance

Not Recommended For

Glycol Brake Fluid

Aromatics and chlorinated hydrocarbons

Hot water, steam

Acids, alkalis, amines



## REPORT DATA

### AA154-75 (12358) Platen Results

#### Basic Physical Properties

Hardness, Shore A, pts.	74
Tensile Strength, psi.	1785
Elongation, %	193

#### Dry Heat Resistance, ASTM D573 70 H @ 347 °F

Hardness Change, pts	+11
Tensile Change, %	-22
Elongation Change, %	-2

#### Fluid Immersion, ASTM #1 Oil, 70 H @ 302 °F

Hardness Change, pts	+3
Tensile Change, %	+2
Elongation Change, %	+2

#### Compression Set, ASTM D395 Method B 22 H @ 333°F

Percent of Original Deflection (plied)	29
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#### Fluid Immersion, IRM 903, 70H @ 302 °F

Hardness Change, pts.	-12
Tensile Change, %	-10
Elongation Change, %	+9